



**Acquisition Workforce Demo Project  
Position Requirements Document**

**I. Organization information:**

Position is located in the Corporate Information Office (CIO)

**II. Position information:**

Interdisciplinary:

Opt: Computer Engineer, NH-0854-IV

Opt: Computer Scientist, NH-1550-IV

**III. Duties:**

Incumbent of this position will serve under the general supervision of the Chief Information Officer as the Chief Computer/Information Systems Architect for PEO STRI, Providing key domain expertise, strategy, vision and conceptual architectures to arrive at PEO STRI-wide solutions/architectures for PEO STRI developed and fielded systems. The incumbent will support the CIO in developing, maintaining, and facilitating the implementation of a sound and integrated info- and infra- structure for PEO STRI and facilitate component reuse by developing and maintaining a strategic architecture framework for PEO STRI.

The incumbent will also support the CIO in management of PEO STRI systems and information assets covering all domains and ensure PEO STRI Info-structure architectures are compliant with Joint Technical Architecture (JTA) and the DOD Architecture Framework (DODAF).

**1. Planning, Direction, Review, Evaluation, and Organization**

Serves as the primary Information Office lead in all matters concerning PEO STRI Architecture (Infrastructure, Infostructure, and Integration). This includes reaching out beyond the boundaries of PEO STRI to foster and increase the integration of PEO STRI solution architectures with other Army architectures.

Plans for necessary integration efforts and any migrations or componentizations of existing systems to achieve architecture goals at each level (PEO STRI, ASA(ALT), Department of the Army (DA), etc.), enabling communications and knowledge sharing associated with Army long term goals.

Advises CIO and Common Components CBU concerning systems, information, architectures and integration. Provides input to and defend the information technology budget for PEO STRI.

Assists CIO in aligning strategies with PEO STRI mission goals and objectives. Provides advice and guidance to ensure emerging technological capabilities integrate into the existing architecture base and satisfy functional end user requirements.

## 2. Adopts, Promotes, Supports and Enforces Standards

Develops policy and defines standards associated with PEO STRI Architectural Framework (Infrastructure, Infostructure, and Integration).

- Ensures the PEO is compliant with requirements concerning each Architectural component and infra- and info-structure management.
- Develops, maintains and facilitates the implementation of a sound and integrated framework for the infra- and info-structures.
- Provides recommendations in relation to development of DoD information management and infostructure policies, procedures and standards, assisting as required to help formulate new guidance and standards.
- Establishes and implements technical standards to ensure interoperability and cost-effectiveness of Architecture investments.

## 3. Conceives, Designs, Develops, and Facilitates the Implementation of a strategic Architectural Framework (Infrastructure, Infostructure, and Integration)

Establishes a high-level information technology architecture that provides a roadmap for systems developers throughout PEO STRI. Reviews, provides input to, and coordinates with ASA(ALT) Strategic Information Plan (SIP), Information Technology Strategic Plan (ITSP), Concept of Operations (CONOPS), and Information Technology Architecture (ITA). Works with functional and operational communities to ensure IT products and services conform to SIP, ITSP, CONOPS, and ITA. Works within DA and ASA(ALT) CIO Councils and other cross-boundary initiatives as they are stood up, to ensure consistency with and conformance to DA strategic architectural directions, policies, and

guidelines and to provide the modeling and simulation perspective to these Army-wide or Joint efforts.

4. Supports PEO STRI CBU's during concept formulation, development, production, fielding and post deployment phases of the acquisition life cycle.

Coordinates with the PEO STRI Managers and Executives at all levels to ensure that architecture issues have been appropriately considered in the acquisition plans for projects assigned to PEO STRI. Continuously looks for re-use opportunities.

5. Assists with investment analyses, capital investment planning, and budgeting for IT Architecture investments. Determines, assesses, and oversees potential outcomes for IT Architecture investments.

Reviews and approves PEO STRI business cases developed for key Architectural enhancements (new or refresh). Investment analyses include a determination of the value of a particular investment against all alternatives based on anticipated business benefits. Works with the CIO to devise an approach that includes appropriate acquisition strategies. Represents PEO STRI within the ASA(ALT) CIO Council to develop ASA(ALT) master plan and budget for ASA(ALT) investment strategy to optimize technology infusion. Works to ensure measured outcomes are in place to provide an assessment of interim and end-state improvements in the operations of the organization or of organizational segments.

Perform other duties as assigned.

### **Critical Acquisition Position**

This is a Critical Acquisition Position. Unless specifically waived by the appropriate Army official, (i.e., the Director of Acquisition Career Management, the Army Acquisition Executive, or the Secretary of the Army) or if the employee is "grandfathered" under 10 U.S.C. 1736(c)(1), the following are statutorily mandated requirements (Reference: 10 U.S.C. 1733 and 1737):

- (1) Selectee must be a member of an Acquisition Corps at the time of appointment.

(2) Selectee must execute, as a condition of appointment, a written agreement to remain in Federal service in this position for at least three years. In signing such agreement, the employee does not forfeit any terms or conditions of employment.

**IV. Factors:**

Factor: 1. - Problem Solving Level IV.

Work is timely, efficient, and of acceptable quality. Completed work meets project/program objectives. Flexibility, adaptability, and decisiveness are exercised appropriately.

Defines, establishes, and directs organizational focus (on challenging and highly complex project/programs). Identifies and resolves highly complex problems that cross organizational boundaries and promulgates solutions. Resolution of problems requires mastery of the field to develop new hypotheses or fundamental new concepts. Assesses and provides strategic direction for resolution of mission critical problems, policies, and procedures. Works at senior level to define, integrate, and implement strategic direction for vital programs with long-term impact on large numbers of people. Initiates actions to resolve major organizational issues. Promulgates innovative solutions and methodologies. Works with senior management to establish new fundamental concepts and criteria and stimulate the development of new policies, methodologies, and techniques. Converts strategic goals into programs or policies.

Factor: 2. - Teamwork/Cooperation Level IV.

Work is timely, efficient, and of acceptable quality. Personal and organizational interactions exhibit and foster cooperation and teamwork. Flexibility, adaptability, and decisiveness are exercised appropriately.

Leads/guides/mentors workforce in dealing with complex problems. Solves broad organizational issues. Implements strategic plans within and across organizational components. Ensures a cooperative teamwork environment. Leads/guides workforce in achieving organizational goals. Participates on high-level teams. Is sought out for consultation.

Factor: 3. - Customer Relations

Level IV.

Work is timely, efficient, and of acceptable quality. Personal and organizational interactions enhance customer relations and actively promote rapport with customers. Flexibility, adaptability, and decisiveness are exercised appropriately.

Leads and manages the organizational interactions with customers from a strategic standpoint. Works to assess and promulgate political, fiscal, and other factors affecting customer and program/project needs. Works with customer at management levels to resolve problems affecting program/projects (e.g., problems that involve determining priorities and resolving conflicts among customers' requirements). Works at senior level to stimulate customer alliances for program/project support. Stimulates, organizes, and leads overall customer interactions.

Factor: 4. - Leadership/Supervision

Level IV.

Work is timely, efficient, and of acceptable quality. Leadership and/or supervision effectively promotes commitment to mission accomplishment. Flexibility, adaptability, and decisiveness are exercised appropriately.

Establishes and/or leads teams to carry out complex projects or programs. Resolves conflicts. Creates climate where empowerment and creativity thrive. Recognized as a technical/functional authority on specific issues. Leads, defines, manages, and integrates efforts of several groups or teams. Ensures organizational mission and program success. Fosters the development of other team members by providing guidance or sharing expertise. Directs assignments to encourage employee development and cross-functional growth to meet organizational needs. Pursues personal professional development.

Factor: 5. - Communication

Level IV.

Work is timely, efficient, and of acceptable quality. Communications are clear, concise, and at appropriate level. Flexibility, adaptability, and decisiveness are exercised appropriately.

Determines and communicates organizational positions on major projects or policies to senior level. Prepares, reviews, and approves major reports or policies of organization for internal and external distribution. Resolves diverse viewpoints/controversial issues. Presents organizational briefings to convey strategic vision or organizational policies.

Factor: 6. - Resource Management

Level IV.

Work is timely, efficient, and of acceptable quality. Resources are utilized effectively to accomplish mission. Flexibility, adaptability, and decisiveness are exercised appropriately.

Develops, acquires, and allocates resources to accomplish multiple project/program goals. Formulates organizational strategies, tactics, and budget/action plan to acquire and allocate resources. Optimizes, controls, and manages all across projects/programs. Develops and integrates innovative approaches to attain goals and minimize expenditures.

#### **Security Clearance and Travel Requirements**

Incumbent must be able to obtain and maintain a Secret security clearance.

May be required to travel within the U.S./overseas by commercial aircraft.

#### **Knowledge, Skills, and Abilities (KSAs) for Qualification Purposes.**

Knowledge of policies, programs, organizations, functions, resources, and legislation affecting the program(s) and the organizations studied or served, and related customers, functions, resources, and users

Ability to establish and maintain relationships with key individuals/ groups outside immediate work unit including senior executives and General Officers at DA HQ and elsewhere

Expertise in all areas associated with the development and integration of state-of-the-art architecture frameworks within the Department of the Army and DoD

Broad expertise in software acquisition management, software development methodologies and enterprise architectures

Expertise in applying current and evolving engineering technologies

Ability to perform market surveys, risk analysis, trade-off studies and cost estimates.

Knowledge of Systems Engineering

Ability to effectively communicate, both orally and in writing, to a wide range of audiences

Ability to interact well with customers within and outside PEO STRI, management and team members

Ability to plan and execute complex, multi-faceted projects within established financial and time constraints

Knowledge of current modeling and simulation principles, techniques, processes, regulations, and policies

Knowledge of acquisition, development, fielding and life cycle support of simulations, simulators, training and instrumentation systems